

20000713.qrp v01_n881.qrl.20000713

Date: Thu, 13 Jul 2000 19:03:03 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1881

QRP-L Digest 1881

Topics covered in this issue include:

- 1) [74967] Re: ANT: Ladderline
by Phil Wheeler <w7ox@earthlink.net>
- 2) [74968] QRP Afield
by K10J <k1oj@ditdit.com>
- 3) [74969] Re: CW Software
by Anthony Bailey <abailey@clas.net>
- 4) [74970] Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters
by tom palmer <n1tp@worldnet.att.net>
- 5) [74971] FOX: Successful QRP-L Hounds by Call Areas 1 through 0
by tom palmer <n1tp@worldnet.att.net>
- 6) [74972] Re: Power Cords
by "JC Smith" <jc-smith@worldnet.att.net>
- 7) [74973] Re: Ladderline
by "Mike" <steam@corecomm.net>
- 8) [74974] Re: Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters
by Mike Gipe <mgipe@reliablemeters.com>
- 9) [74975] Re: Antenna Question
by Jeff <fantbb@yahoo.com>
- 10) [74976] Re: Antenna Question
by John Wagner <john@neknetwork.com>
- 11) [74977] Re: Antenna Question
by "Cameron C.R. Bailey" <cbailey@wjtl.net>
- 12) [74978] Re: Antenna Question
by Jeff <fantbb@yahoo.com>
- 13) [74979] Tentec 1380.... Great news!
by tailfeathers@juno.com
- 14) [74980] Re: Antenna Question
by Phil Wheeler <w7ox@earthlink.net>
- 15) [74981] For Sale - Several Items
by radioham@home.com
- 16) [74982] WQ1RP New England QRP CW Net, 9:00 PM EDT Thursday on 7.041MHz
by "C. J. Ludinsky" <cjl@mitre.org>
- 17) [74983] W/R ANT mobile ant deployment
by hamjoel@juno.com
- 18) [74984] Mizuho 10M DX Handy HT - SOLD
by Patrick Armstrong <aa7fg@gte.net>
- 19) [74985] Re: Antenna Question

- by Jeff <fantbb@yahoo.com>
- 20) [74986] Re: Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters
by "Jerry Scherkenbach" <jerrys@execpc.com>
- 21) [74987] Confession : I use acid flux
by "Dennis Payton" <dpayton@fwi.com>
- 22) [74988] Re: Confession : I use acid flux
by "George , W5YR" <w5yr@att.net>
- 23) [74989] SOP Receiver Kit Assembly Photo Tour
by "George Heron N2APB" <n2apb@erols.com>
- 24) [74990] RE: Power Cords
by Arthur Laurent <ALaurent@npr.org>
- 25) [74991] MI QRP NET
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 26) [74992] Re: Tentec 1380.... Great news!
by tailfeathers@juno.com
- 27) [74993] Re: Confession : I use acid flux
by "Dennis Payton" <dpayton@fwi.com>
- 28) [74994] Re: SOP Receiver Kit Assembly Photo Tour
by "Chuck Carpenter" <w5usj@globeco.net>
- 29) [74995] Re: Confession : I use acid flux
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 30) [74996] Roller Inductors - Silver Oxide
by S LYON <sslyon@worldnet.att.net>
- 31) [74997] 6m qrp schematic
by HAAG@if.ufrgs.br
- 32) [74998] 2 qrp rigs fs
by Jimbob <kw3u@warwick.net>
- 33) [74999] Re: Confession : I use acid flux
by "Mike Yetsko" <myetsko@insydesw.com>
- 34) [75000] Neat QSO
by "Steven Weber" <kd1jv@moose.ncia.net>
- 35) [75001] TOPO MAPS ON LINE
by S LYON <sslyon@worldnet.att.net>
- 36) [75002] Re: 6m qrp schematic
by NB6M@aol.com
- 37) [75003] Re: TOPO MAPS ON LINE
by KB7WW Art Moe <kb7ww@chatusa.com>
- 38) [75004] MAJOR storm in progress
by "Paul Harden, NA5N" <na5n@rt66.com>
- 39) [75005] Toroidal core?
by "AI2Q Alex" <ai2q@ispchannel.com>
- 40) [75006] FW: Heath HW-9 FS (both built and kit)
by Michael Ostrowski <mostrowski@CreativeSolutions.com>
- 41) [75007] RE: Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters
by Mike Gipe <mgipe@reliablemeters.com>
- 42) [75008] Contest: Milliwatt Fun This Weekend!!!!
by "John Burnley" <burnleyia@home.com>
- 43) [75009] Re: Confession : I use acid flux

by "Cla KA0GKC" <ka0gkc@arrl.net>
44) [75010] propagation
by ac5ez@webtv.net (K1zw)
45) [75011] Re: 2N2/40 Lives!
by "Arthur G. Silvers" <ags@ieee.org>
46) [75012] Coaxial cable (thick net) info.
by "Randy Randall" <RANDALLR@Healthall.com>
47) [75013] QRP Portable Philmont Backpacking Trip
by MikeHeit@aol.com
48) [75014] SEC paydirt!
by "Rod, N0RC" <n0rc@qsl.net>
49) [75015] BLT Pix and BLT Question
by "Maddog 'n' Miracles" <maddog@io.com>
50) [75016] Re: Coaxial cable (thick net) info.
by "Mike Yetsko" <myetsko@insydesw.com>
51) [75017] Re: BLT Pix and BLT Question
by Bob Nielsen <nielsen@oz.net>
52) [75018] 6 Meters qrp
by Charles K Brown <n4so@juno.com>
53) [75019] Re: QRP Portable Philmont Backpacking Trip
by John AE5X <ae5x@juno.com>
54) [75020] CONTEST: QRP Contesting - This Weekend
by Ken Newman <N2CQ@citnet.com>
55) [75021] #3 Summer FOX tonight--N5TW
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
56) [75022] Re: #3 Summer FOX tonight--N5TW
by John Wagner <john@neknetwork.com>
57) [75023] Re: Confession : I use acid flux
by zmola@campbellsci.com
58) [75024] Re: #3 Summer FOX tonight--N5TW
by tom palmer <n1tp@worldnet.att.net>
59) [75025] Re: Confession : I use acid flux
by "Mike Branca" <w3irz@att.net>
60) [75026] Re: FW: Final "Unofficial" Tally for Winter Hunt 1999-2000 40 met
ers, corrected
by Mike Gipe <mgipe@reliablemeters.com>
61) [75027] Re: Confession : I use acid flux
by "George , W5YR" <w5yr@att.net>
62) [75028] Re: Contest: Milliwatt Fun This Weekend!!!!
by "w8diz" <w8diz@cinci.rr.com>

Date: Wed, 12 Jul 2000 16:00:44 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: hattonte@gdls.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74967] Re: ANT: Ladderline

Message-ID: <396CF89C.A6192D8A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hattonte@gdls.com wrote:

>
> Gents,
>
> I want to use ladder line with my QRP xcvr, but I need a tuner, and I want
> to brew it myself. Does anyone have a list of www sites that have
> balanced tuner info? I do know abt Larry Cebik's page of course, and I
> have done a search on the keyword, but there's not too much out there
> (unless you just want to tune your guitar).
>

You might want to look into the NorCal BLT kit:

<http://www.fix.net/~jparkner/norcal/blt/blt.htm>

But the timing is bad: I believe Doug Hendricks is traveling until at least the end of the month.

Another (larger but excellent) tuner kit is the ZM-2:

<http://www.emtech.steadynet.com/zmdesc.htm>

Phil

Date: Wed, 12 Jul 2000 18:01:55 -0500
From: K10J <k10j@ditdit.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74968] QRP Afield
Message-ID: <000501bfec55\$2cb507a0\$6aa8bfd0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Where can I find the current rules for this event?
OJ---K10J
ditdit

Reply to:
k10j@ditdit.com

k5oj@ditdit.com

Date: Wed, 12 Jul 2000 18:04:18 -0500
From: Anthony Bailey <abailey@clas.net>
To: pstrdave@kdsi.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [74969] Re: CW Software
Message-ID: <v042101b592a81a08b9@[192.168.1.2]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Hello Dave, I use Morse Mania
<<http://www.blackcatsystems.com/software/morsemania.html>>, its
shareware and MorsePractice which is freeware or at least I don't see
any info on it about payment. I don't remember the url for
MorsePractice, however its not very big, 152k uncompressed so I could
just email it to you. Also check out the Morse Mania, these two are
the most recent morse code programs for the Macintosh that I know of.
Tony

>does anyone know of software I can use to help a youngster learn cw on a
>MAC computer? something uncomplicated, not as big as Morse
>University??
>
>thanks
>Dave K8BBM

Sent from Anthony Bailey KC0HZP (mailto:abailey@clas.net)
on a PowerComputing PowerBase 180 in Marble Hill, Missouri

Date: Wed, 12 Jul 2000 19:09:56 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [74970] Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters
Message-ID: <396CFAC4.BF133749@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello, all QRP-L Winter Season FOX Hounds.

I've carefully audited the 40 FOX LOGS
for last Winter's QRP-L FOX Hunting
on 40 meters (1999-2000), including
considerable "detective work" re Hounds
who changed their call sign during that Season.

If you would like a copy of my "Unofficial Tally"
for all 40 Hunts of the Winter Hunting
Season - 1999-2000, drop me a note. I'll
e-mail the "Tally" to you ASAP.

Tom, N1TP

Date: Wed, 12 Jul 2000 19:21:05 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [74971] FOX: Successful QRP-L Hounds by Call Areas 1 through 0
Message-ID: <396CFD60.76FCF774@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello, all,

I have compiled 10 sheets of data.
One sheet for each of the U.S.A. 10 call areas.

For example, sheet Number ONE shows all
Hounds who bagged at least one pelt during last
Season's 40 meter hunt (all 40 hunts) or bagged
a pelt in Hunt Number ONE this Summer Season.

Each sheet has each call sign, name, QTH and
QRP-L number, if any.

If you would like one, some, or all of the
data sheets, drop me a line and I'll e-mail one,
some, or all to you ASAP.

I can't guarantee TOTAL accuracy,
but I think each sheet is highly reliable.

Tom, N1TP
Naples, FL

QRP-L 1317

Date: Wed, 12 Jul 2000 18:05:49 -0500
From: "JC Smith" <jc-smith@worldnet.att.net>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74972] Re: Power Cords
Message-ID: <00c501bfec58\$7867a9c0\$c043480c@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yup. Love those RCA jacks. I suppose it depends on the brand, etc, but does anyone know what kind of current they should be able to handle? I've run 5 Amps (12-V) with no apparent problem. Assume the wire/cable on both sides of the plug/jack is up to the task.

72 - JC,k0hps@amsat.org

----- Original Message -----
From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, July 12, 2000 6:15 AM
Subject: Power Cords

>
> As a trailer person I have Primary Power around the trailer at
> cigar lighters. They are fused at 20 amps at 12 vdc. But these are not
> "Nice" connectors. I end the wire on the lighter plug with one or more RCA
> female jacks. The radios all have a pigtail from whatever they need to a
> male RCA plug. Plug them together and you have power. I have the same RCA
> plug setup at home.
>
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>

Date: Wed, 12 Jul 2000 18:36:37 -0500
From: "Mike" <steam@corecomm.net>
To: <hattonte@gdls.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [74973] Re: Ladderline
Message-ID: <003801bfec5a\$06d38340\$031128d0@megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

This is a link to Emtech's site for the excellent ZM-2
Z match QRP tuner kit. It's cheap (\$50) and works great
for balanced line or coax.

<http://emtech.steadynet.com/index.html>

Hope that helps... Mike

<>< ><> ><> <>< ><> <>< ><> ><> <>< ><> ><
Mike Pender Chicago N9IV0
steam@corecomm.net <http://www.corecomm.net/~steam> =20
><> <>< ><> ><> <>< ><> ><> <>< ><> ><> ><

Date: Wed, 12 Jul 2000 16:48:37 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: "QRP-L list (E-mail)" <qrp-l@Lehigh.edu>
Subject: [74974] Re: Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A94175F1@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

40 Hunts Tally Winter 1999-2000 Season 40 meters
"(-F)" = has been Fox.

40 of 40 W0CH, N0EA. (TIE: GRAND PRIZE WINNERS).

39 of 40: N0DT, K0EVZ-(F)* (*Does NOT get point for being FOX).

38 of 40: None.

37 of 40: AF4PS, N4ROA, N1TP-(F).

36 of 40: KI0II, W0JOE, NQ7X.

35 of 40: WS4S.

34 of 40: K5AAR, K5ZTY, N1LN.

33 of 40: N0AR-(F), K8CV-(F), WD8KQY, N5UW, NV4V.

32 of 40: N0EHW, NK7M, WE6W, KK5LD, N5TW-(F), VE5RC, K1MG-(F).

31 of 40: KB9IUA, AB7CE-(F), KU7Y-(F), AE2T-(F), K1JD-(F).

30 of 40: None.

29 of 40: N5LU, AF5Z-(F).

28 of 40: VE6EWM.

27 of 40: N6WG, K5JHP, KQ5U-(F).

26 of 40: N9AW-(F), AJ4Y.

25 of 40: None.

24 of 40: K0PC, N8IE, W5SB, AE4Y.

23 of 40: W2XN.

22 of 40: N7RR-(F), N5EN, KC1FB.

21 of 40: W0RSP, W0RW, AB8DF, N5IW, K5VUU-(F), KU4AF.

20 of 40: K50I, K1VP.

19 of 40: N0TU-(F), VE7NT, K5LN-(F).

18 of 40: N0RC, N8VAR, K10J-(F).

17 of 40: W8SFF, NK6A, W5HNS, W5YR.

16 of 40: N0UR, AA0ZZ, W7ILW, KF2PH.

15 of 40: AB0GO, K7RE, N6XU, N5QW, W5TFB, K5UP, VE3JC, N3YSI, K10G.

14 of 40: NW7DX-(F), KA5T, W5TB, K4LL, AF4PP.

13 of 40: N0RN, K0YWD, K5DW, AA5TA, W4UTI, K1QM.

12 of 40: None.

11 of 40: KB9BVN, N7GS, K7TQ, KD7WW.

10 of 40: NK9G, AB7MY, KD5CMN, WD4MSM, N4XDW.

9 of 40: N9KW, W8RU-(F), N7CQR-(F), AK7Y, WW7Y, N5GQJ, N5NZ, KS4L, VA1MT, NT1R.

8 of 40: N8XI, K6TM, N5JI, K5RV, N2ZHY, AI4CW.

7 of 40: K0CO, W9UQB, AC6UV, K50T, AK1P.

6 of 40: KE5TC, N5IB-(F), A2PF, N2SMH, K2JQ.

5 of 40: W0AV, KR0I, AE9K, WB8RCR, WB8YYY, WE7G, NA6E-(F), NM5M.

4 of 40: W0DC, N9MZP, WA9PWP, N9SSA, N7MFB, K5LN, KF4AR-(F), N4SO, K2UD, WZ2T.

3 of 40: AB0CD, KI0G, KKG9H, N9KW, K8DD-(F), W8KC, K7GT-(F), WB6MFS, W5FN, K5JAY, KK5NA, AB5XQ, KG4BIG, W4NJK, N4NK, KQ4QO, W4WLG, N3BJ, KA3WMJ, N3XRV, KJ2LO, W2PSF, W2UX, K1CL, N1FN-(F), W1HUE, A1DDB, W1XT.

FOX: K10J, KU7Y, AB5UA, W0MC, K1JD, NF9K, W8RU, N5TW, K5LN, K0EVZ, N7RR, K1MG, KV2X, KF4AR, N5IW, N4DD, N0TU, K7GT, N0AR, WT9S, N7MFB, AF5Z, N7CQR, K8CV, KF2PH, WV3J, WS8D, AE2T, N1FN, NW7DX, N0IT, N1TP, K8DD/C6A, NQ9RP/N9AW, N0UR, N5IB, KQ5U, W1FB(W1RFI), NA6E, AB7CE.

Date: Wed, 12 Jul 2000 17:53:39 -0700 (PDT)
 From: Jeff <fantbb@yahoo.com>
 To: qrp qrp <qrp-l@lehigh.edu>
 Subject: [74975] Re: Antenna Question
 Message-ID: <20000713005339.6509.qmail@web121.yahoomail.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii

> I should have probably qualified that "poor" performance statement.
 > It's
 > an OK performer on 20, but it's MUCH, MUCH, MUCH better on 15m. It
 > tunes
 > very "sharp" on 20, and literally flat on 15.
 > I suspect the poor performance on 20m is because the 34' doublet
 > abt one
 > w1 on 20m. On 15m, it's one and half w1, which is why I think it
 > performs better there. If I'm mistaken in the assumption I'd like

> to know.

On 20 meters your "doublet" is a 1/2 wave dipole.
On 15 meters it is 3/4 wave.

> FWIW, the ant up abt 20' or so.

Explains part of why it operates better on 15 than on 20. At 20 feet it is almost 1/2 wave up in the air on 15 meters. So it should work better.

To low for 20 meters to work really well.

Terrible antenna for 30 and 40 meters.

Not sure what you are feeding it with. Try extending it out to 44 feet and feed it with ladder line. Will work much better.

73!

Jeff

=====

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

Do You Yahoo!?

Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Wed, 12 Jul 2000 21:07:54 -0400
From: John Wagner <john@neknetwork.com>
To: fantbb@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74976] Re: Antenna Question
Message-ID: <396D166A.5E76EB99@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's 34 feet each leg, that's what I meant by a 34' doublet. It's grand for 40m (a bit low but works) and 15m and up. 20m was the stinker. I

should have clarified that.

73,

John, KB1ENS

Jeff wrote:

>
> > I should have probably qualified that "poor" performance statement.
> > It's
> > an OK performer on 20, but it's MUCH, MUCH, MUCH better on 15m. It
> > tunes
> > very "sharp" on 20, and literally flat on 15.
> > I suspect the poor performance on 20m is because the 34' doublet
> > abt one
> > w1 on 20m. On 15m, it's one and half w1, which is why I think it
> > performs better there. If I'm mistaken in the assumption I'd like
> > to know.
>
> On 20 meters your "doublet" is a 1/2 wave dipole.
> On 15 meters it is 3/4 wave.
>
> > FWIW, the ant up abt 20' or so.
>
> Explains part of why it operates better on 15 than on 20. At 20 feet
> it is almost 1/2 wave up in the air on 15 meters. So it should work
> better.
> To low for 20 meters to work really well.
>
> Terrible antenna for 30 and 40 meters.
>
> Not sure what you are feeding it with. Try extending it out to 44
> feet and feed it with ladder line. Will work much better.
>
> 73!
>
> Jeff
>
> =====
> Jeff Jones
> AB6MB
> NorCal QRP Club #65, QRP-L #1780, ARCI 10071
> Radical FIST Member 6798
> Voicemail/Fax 1-888-Excite2 ext 925-439-2514
> ICQ 62450117
>
>
> -----
> Do You Yahoo!?

> Get Yahoo! Mail Free email you can access from anywhere!
> <http://mail.yahoo.com/>

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Wed, 12 Jul 2000 21:21:29 -0400
From: "Cameron C.R. Bailey" <cbailey@wjtl.net>
To: <lighthousedx@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74977] Re: Antenna Question
Message-ID: <003101bfec68\$acbd3c20\$f1202940@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John,

When I had a mobile home in a park that was anti-antenna, it had a metal roof.
I attached Hamsticks to the side of the antenna mid-way attachable from the side door.
This setup provided a really nice ground plane as I was able to work many stations QRP.
I compared the performance of this same antenna to the performance when attached to my car's trunk lid and it much better.

I don't know what band you are considering, but you have a real nice opportunity for a nice ground plane. Putting the wire antennas over the metal may help reflections straight up, giving you more coverage locally (NVIS operation).

cameron bailey, kt3a
mt. wolf, pa
qrp-1 7

----- Original Message -----

From: John Pate <lighthousedx@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Wednesday, 12 July, 2000 11:07
Subject: Antenna Question

> I just moved to New England and am starting to erect a antenna. The
> bar/garage next to my house has a corrugated metal roof. I was planning
> to
> attach a mast to the side of the barn to support a antenna (inverted v,
> vertical, beam). Will the metal roof effect the radiating signal in a bad
> way? What effect will it have? What if I try to load up the roff as a
> antenna? All advice appreciated. Thanks, John
>
> -----
> Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>
>
>

Date: Wed, 12 Jul 2000 18:35:17 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-1@lehigh.edu>
Subject: [74978] Re: Antenna Question
Message-ID: <20000713013517.23184.qmail@web112.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- John Wagner <john@neknetwork.com> wrote:
> It's 34 feet each leg, that's what I meant by a 34' doublet. It's
> grand
> for 40m (a bit low but works) and 15m and up. 20m was the stinker.
> I should have clarified that.

It's a 1/2 for 40m, 1 wavelength on 20m, 3/4 wave on 15 and 2
wavelengths on 10 meters. Give or take a foot or two.
I don't have EZNEC here at work or I'd give you the impedance for
those frequencies. Also tell you what the radiation pattern is doing
on 20 meters.
I'd cut the length down some or extend the length some and raise it
10 feet if possible. You'd see quite an improvement if you did those
2 things.

By the way you can download a really nice demo copy of EZNEC for
windows at

<http://www.eznec.com>

Hope this helps in some way!
73!

Jeff

=====

Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Wed, 12 Jul 2000 21:56:39 -0400
From: tailfeathers@juno.com
To: qrp-l@lehigh.edu
Subject: [74979] Tentec 1380.... Great news!
Message-ID: <20000712.215643.-4008917.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Guess what? I called Tentec tech support and after a few suggestions (shorten cap leads, adjust a couple pots, etc,etc) I was shortening a couple leads when I spotted a square pad and a round pad that caught my eye. I said Hmmm? Sure enough there was what looked to be an ugly spot of solder that was probably a drip of solder. I cleaned it off and they should have not been touching. Big Grin starting to appear about then. I hooked it up to power and GONE! no unwanted sounds. Man that was better than se....well maybe not but close to it. I could duplicate the problem by shorting the two components afterwards. Very cool!.....:>)

Gary
n8gsj

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 12 Jul 2000 18:59:36 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: john@neknetwork.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74980] Re: Antenna Question
Message-ID: <396D2288.78F332E2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Wagner wrote:

>
> It's 34 feet each leg, that's what I meant by a 34' doublet. It's grand
> for 40m (a bit low but works) and 15m and up. 20m was the stinker. I
> should have clarified that.
>

Not a big surprise re 20 .. a center-fed full-wave!

Phil

Date: Wed, 12 Jul 2000 22:35:59 -0400
From: radioham@home.com
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74981] For Sale - Several Items
Message-ID: <3.0.6.32.20000712223559.007c0730@24.2.2.70>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

More items for sale. Some are mine, some belong to the XYL of
a SK. To the best of my knowledge, all work.

Code Star Microcraft LED CW/ASCII/RTTY reader - with variable filter and
built-in speaker. Runs off 12v. Can keep up with CW to about 35 wpm.
Decodes RTTY well, but will not do PSK-31 or other digital modes.
With manual.
\$45 shipped in US

Ten Tec #1051 Transmatch Tuning Bridge with manual.
\$17 shipped in US.

MFJ-9406 six meter SSB xcvr (about 12 W PEP) with MFJ mike, manual
and original box. Excellent condition. Works very well - used

during June VHF contest and worked many stations considering my crummy long wire antenna.
\$175 shipped in US.

Swan WM-2000 SWR/Wattmeter - this is a classic analog unit with very large meter face in great shape. Covers 3.5 - 30 MHz and has settings for 200, 1000 and 2000 watts. Not exactly for QRP use, but works very well for intended power levels. No manual.
\$80 shipped in US.

Heathkit HD-1422 Antenna Noise Bridge with manual. Good shape, some small scratches on case. Brown cabinet to match HW-9.
\$60 shipped in US.

Heathkit IM-2400 Digital Frequency Counter with antenna (BNC connectors) and power cube. Good condition, nicads are old, but runs fine with power cube. No manual.
\$80 shipped in US.

Heathkit HD-1418 Active Audio Filter with power cube and manual. Good condition. Brown cabinet to match HW-9.
\$65 shipped in US

Heathkit Desk Microphone - can't find model number on it - beige base, brown mike element and push buttons. I think it is the HDP-21 or 121 (possibly A). Good condition.
\$45 shipped in US.

Kenwood Dynamic Microphone MC-30S, 500 ohm, 5 pin connector. Very good shape in original box, with instructions.
\$35 shipped in US.

Kenwood YK-88C CW filter, 8830.7 KHz.
\$65 shipped in US.

Kenwood MC-60 Mike base with built-in amp. No mike. Very good condition.
\$30 shipped in US.

2 position coax switch - similar to MFJ, but no name and no center detent. Good condition.
\$15 shipped.

Please respond direct. Always willing to negotiate reasonable offers.

72/73,

Steve, N4EUK

Reston, VA

Date: Wed, 12 Jul 2000 22:41:31 -0400
From: "C. J. Ludinsky" <cjl@mitre.org>
To: qrp-1@lehigh.edu, neqrp@jona1.net
Subject: [74982] WQ1RP New England QRP CW Net, 9:00 PM EDT Thursday on 7.041MHz
Message-ID: <396D2C5B.892828BE@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's CW net will meet again on 40M at 9:00 PM EDT, Thursday night, 13 July (i.e., 0100Z, 14 July). Net frequency will be on or around 7.041 MHz, and the WQ1RP net op will again be Joel, K1QM, who seems to have excellent "ears" on 40M.

So, join us at 9:00 tomorrow to warm up prior to the 20M fox hunt. Or, if you bag the fox early, come see if you can pick us out of the ether. In either case, we look forward to hearing you down on 40.

Last week's net on 80M was hosted by John, WB1HBE. Despite the usual middling summer conditions on 80 and the competition from the fox hunt, we had a number of folks show up, including some surprising contacts from the Michigan folks. The roster included:

WB1HBE	John	Chelmsford, MA
K1LGQ	Dennis	Brookline, NH
K1CL	Chuck	Chelmsford, MA
AB8DF	Ed	Waterford, MI
K8CV	Walt?	MI?

Although we lost Walt before the second go around.

Thanks again to all who joined us in this and prior nets, and

72 DE K1CL,
Chuck

Date: Wed, 12 Jul 2000 22:50:42 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu

Subject: [74983] W/R ANT mobile ant deployment
Message-ID: <20000712.225046.-312191.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Highs y'all

got to try my "emergency mobile antenna launcher" today..
while it was most embarrassing it worked like a champ...
put mineral oil on my kayak after mounting the qrp+ and a few other
things... boy does it shine

I threw the boat in the back of the truck and headed for the posting
office and as I turned onto main street from my street, at a steep angle
up.... I noticed a vehicle topping the hill to my right and wanting to
get cozy... so I stomped on the gas... My auto launch button... and
having neglected to tie the kayak down... it launched itself out the
back of the truck... and dragged my longwire antenna with it... (use the
ant for portable work....)

Now here I was going down main street with my kayak hanging on to the
end of my longwire and skidding across the road... people started
pointing and laughing.... I looked into the rear view mirror... and
sizing up the situation I pushed the lever to let my mobile qrp sign drop
on the side of my door... and grabbed one of the mikes up front.... and
started waving and smiling at folk till I could pull off on a side road
and correct the situation without people watching....

kayak has some road rash and the ant wire isn't so kinky any more...
other than that ONLY MY ego got bruised... good thing I mounted the radio
inside the kayak... if I had left it on top... it would be alagator bait
now..... Told folk I was using the kayak for "end loading" of my ant...

coulda been worse... coulda been my cajun belle's kayak...
ke1la 2207
in maine

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 12 Jul 2000 19:56:39 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@lehigh.edu
Subject: [74984] Mizuho 10M DX Handy HT - SOLD
Message-ID: <396D2FE7.A2E7CEEf@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who expressed an interest in the DX handy... It has found a new home in Minnesota... I appreciate all who responded, thanks...

Pat, AA7FG - Oregon...

Date: Wed, 12 Jul 2000 20:10:41 -0700 (PDT)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [74985] Re: Antenna Question
Message-ID: <20000713031041.22527.qmail@web121.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Claton Cadmus <applitech@mcg.net> wrote:

>
> ----- Original Message -----
> From: "Jeff" <fantbb@yahoo.com>
> |
> | It's a 1/2 for 40m, 1 wavelength on 20m, 3/4 wave on 15 and 2
>
> I think you meant 3/2 waves on 15. ;-)

Whoops, you are correct! Got it mixed up with the original post.

73!

Jeff

=====
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798
Voicemail/Fax 1-888-Excite2 ext 925-439-2514
ICQ 62450117

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Thu, 13 Jul 2000 22:54:58 -0500
From: "Jerry Scherkenbach" <jerrys@execpc.com>
To: <mgipe@reliablemeters.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74986] Re: Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters
Message-ID: <00d301bfed47\$48235800\$fa83cfa9@Pjerrys>

Mike,
Thank you, thank you, thank you for doing the analysis and publishing this.

72
Jerry N9AW

----- Original Message -----

From: Mike Gipe <mgipe@reliablemeters.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, July 12, 2000 6:48 PM
Subject: Re: Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters

> 40 Hunts Tally Winter 1999-2000 Season 40 meters
> "(-F)" = has been Fox.
>
> 40 of 40 W0CH, N0EA. (TIE: GRAND PRIZE WINNERS).
>
> 39 of 40: N0DT, K0EVZ-(F)* (*Does NOT get point for being FOX).
>
> 38 of 40: None.
>
> 37 of 40: AF4PS, N4ROA, N1TP-(F).
>
> 36 of 40: KI0II, W0JOE, NQ7X.
>
> 35 of 40: WS4S.
>
> 34 of 40: K5AAR, K5ZTY, N1LN.
>
> 33 of 40: N0AR-(F), K8CV-(F), WD8KQY, N5UW, NV4V.
>
> 32 of 40: N0EHW, NK7M, WE6W, KK5LD, N5TW-(F), VE5RC, K1MG-(F).
>
> 31 of 40: KB9IUA, AB7CE-(F), KU7Y-(F), AE2T-(F), K1JD-(F).
>
> 30 of 40: None.
>
> 29 of 40: N5LU, AF5Z-(F).
>

> 28 of 40: VE6EWM.
>
> 27 of 40: N6WG, K5JHP, KQ5U-(F).
>
> 26 of 40: N9AW-(F), AJ4Y.
>
> 25 of 40: None.
>
> 24 of 40: K0PC, N8IE, W5SB, AE4Y.
>
> 23 of 40: W2XN.
>
> 22 of 40: N7RR-(F), N5EN, KC1FB.
>
> 21 of 40: W0RSP, W0RW, AB8DF, N5IW, K5VUU-(F), KU4AF.
>
> 20 of 40: K5OI, K1VP.
>
> 19 of 40: N0TU-(F), VE7NT, K5LN-(F).
>
> 18 of 40: N0RC, N8VAR, K10J-(F).
>
> 17 of 40: W8SFF, NK6A, W5HNS, W5YR.
>
> 16 of 40: N0UR, AA0ZZ, W7ILW, KF2PH.
>
> 15 of 40: AB0GO, K7RE, N6XU, N5QW, W5TFB, K5UP, VE3JC, N3YSI, K10G.
>
> 14 of 40: NW7DX-(F), KA5T, W5TB, K4LL, AF4PP.
>
> 13 of 40: N0RN, K0YWD, K5DW, AA5TA, W4UTI, K1QM.
>
> 12 of 40: None.
>
> 11 of 40: KB9BVN, N7GS, K7TQ, KD7WW.
>
> 10 of 40: NK9G, AB7MY, KD5CMN, WD4MSM, N4XDW.
>
> 9 of 40: N9KW, W8RU-(F), N7CQR-(F), AK7Y, WW7Y, N5GQJ, N5NZ,
> KS4L, VA1MT, NT1R.
>
> 8 of 40: N8XI, K6TM, N5JI, K5RV, N2ZHY, AI4CW.
>
> 7 of 40: K0CO, W9UQB, AC6UV, K5OT, AK1P.
>
> 6 of 40: KE5TC, N5IB-(F), A2PF, N2SMH, K2JQ.
>
> 5 of 40: W0AV, KR0I, AE9K, WB8RCR, WB8YYY, WE7G, NA6E-(F), NM5M.

>
> 4 of 40: W0DC, N9MZP, WA9PWP, N9SSA, N7MFB, K5LN, KF4AR-(F),
> N4SO, K2UD, WZ2T.
>
> 3 of 40: AB0CD, KI0G, KKG9H, N9KW, K8DD-(F), W8KC, K7GT-(F),
> WB6MFS, W5FN, K5JAY, KK5NA, AB5XQ, KG4BIG, W4NJK, N4NK,
> KQ4QO, W4WLG, N3BJ, KA3WMJ, N3XRV, KJ2LO, W2PSF, W2UX,
> K1CL, N1FN-(F), W1HUE, A1DDB, W1XT.
>
> FOX: K10J, KU7Y, AB5UA, W0MC, K1JD, NF9K, W8RU, N5TW,
> K5LN, K0EVZ, N7RR, K1MG, KV2X, KF4AR, N5IW, N4DD,
> N0TU, K7GT, N0AR, WT9S, N7MFB, AF5Z, N7CQR, K8CV,
> KF2PH, WV3J, WS8D, AE2T, N1FN, NW7DX, N0IT, N1TP,
> K8DD/C6A, NQ9RP/N9AW, N0UR, N5IB, KQ5U, W1FB(W1RFI),
> NA6E, AB7CE.
>

Date: Wed, 12 Jul 2000 23:33:07 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [74987] Confession : I use acid flux
Message-ID: <009a01bfec83\$73015000\$d9a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When I first got interested in building about 8-10 years ago I learned that it was wrong to use acid flux when soldering electronic circuits. That made sense to me. I etched a few boards and built a few things and got along pretty good, but did have a few problems with some of the old surplus components I was using.

Then I met a fellow who became and still is my elmer. I'd just built Roy Lewallen's Optimized QRP Transceiver and was having problems. He spent some time going over it and found two bad solder joints. He dipped his solder into a small can of "something" and soldered the joints again. I heard a sizzling noise and observed good shiny joints. He rinsed off the joints with mineral spirits and blew the board dry with compressed air, then said, "Get yourself a small can of plumber's flux and dip the end of your solder in it any time you think you might have a problem getting something to take". I acknowledged what he said but thought to myself, "Huh?".

Some time later I was having more problems and found myself knocking on his door again. I don't remember the project but I remember the problem was another bad joint. His first question was, "Did you use acid flux?" "No." "Why not?" "Everybody says it's wrong." "Then don't let 'em know you're using it!" "Well.....okay." "Just clean it off good with denatured alcohol or mineral spirits."

I was apprehensive, but from then on, I began sparingly using acid flux. Not usually on kits or new components, but for most of my homebrewing using surplus stuff. I wondered if, over time, the leads would fall off of my transistors or something, but now after 8-10 years and building many circuits of all kinds, I've not seen a shred of evidence of any problems from my using acid flux. I've built a lot of things with CMOS and had no problems with conductivity, everything that I've built (that worked!) still works, and there's no sign of unusual corrosion on anything. And I have good solder joints! I've heard the stories that acid will climb up leads and get inside of components, but I've yet to observe it.

I've never gotten a serious flame on this list but maybe this post will do it. :-) I now strongly believe though, that acid flux can be a useful item on a builder's bench, as long as he knows what he's doing. Time has convinced me of that.

By the way, my elmer has been building for decades and says he's never had a problem from using acid flux. And he's got a degree in chemistry so I'd think he should understand more than most, the dangers involved in using it.

Denny Payton, N9JXY
Auburn, IN

Date: Wed, 12 Jul 2000 23:45:39 -0500
From: "George , W5YR" <w5yr@att.net>
To: dpayton@fwi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74988] Re: Confession : I use acid flux
Message-ID: <396D4973.DBE156F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Are we talking about acid flux or acid-core solder?

I have used a rosin-based soldering flux made by Kester for over 50 years now with no bad results. It sizzles when you heat it, etc. but it is NOT

an acid product.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 Rving since 1972 Kachina #91900556
(12/99)

Dennis Payton wrote:

I now strongly believe though, that acid flux can be a useful item
> on a builder's bench, as long as he knows what he's doing. Time has
> convinced me of that.

> Denny Payton, N9JXY
> Auburn, IN

Date: Thu, 13 Jul 2000 01:54:27 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [74989] SOP Receiver Kit Assembly Photo Tour
Message-ID: <006501bfec8e\$d8d03c60\$ab5daccf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We've just posted a comprehensive major work showing step-by-step photo illustration of the SOP Receiver Kit.

Over 60 photos, with corresponding narrative, provide a step-by-step overview of the SOP pcb assembly and test. Oscilloscope waveforms of signals at various points in the working SOP board, and typical RF probe voltage measurements, are provided to help builders have the confidence that their boards are being assembled correctly.

The SOP Assembly Photo Tour can be seen at
<http://www.njqrp.org/sop/assy.html>

Further information on the SOP Receiver Kit can be found by visiting its home page <http://www.njqrp.org/sop/>, or by sending an email to EMBOT@NJQRP.ORG with SEND SOP in the body of the message.

The NJQRP SOP receivers are starting to come alive from various points of the compass ... the excitement is building!

72, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

PS: The server hosting the NJQRP website (and ARCI's, and KnightLITES', and many others') is in progress of moving and there will likely be some short outages in the coming day or two. Please try these links later if you have problems getting to the pages.

Date: Thu, 13 Jul 2000 06:52:28 -0400
From: Arthur Laurent <ALaurent@npr.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Cc: Arthur Laurent <ALaurent@npr.org>
Subject: [74990] RE: Power Cords
Message-ID: <64ACCD0E0722D411AB6000400B40CE213D11B2@npr-01-msg.npr.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

J.C. Smith writes,

<Love those RCA jacks...

I've standardized on XLR 4-pin connectors for bulkhead DC connections. (It's a standard in the TV ENG biz!) The male connector is used on the bulkhead. They're lockable, and can carry more than 10 constant current per pin. (BTW, they're wired : Pins 1 and 2 DC-; Pins 3 and 4 DC +.)

Art (KD4CS0)

Date: Thu, 13 Jul 2000 07:42:15 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: QRP-L Discussion <qrp-l@Lehigh.EDU>
Subject: [74991] MI QRP NET
Message-ID: <396DAB17.40BD1EB6@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This week the net had four check ins. Conditions were fair.

W3BBO Bob
W8UCB Bob
K8NWD Tim

WB8CIN Mike

The Michigan QRP net meets on Tuesday nights at 9:00 pm (0100 UTC Wednesdays) on 80 meters on 3.535 MHz. Net control is AB8DF. All are welcome.

72's

Date: Thu, 13 Jul 2000 07:53:37 -0400
From: tailfeathers@juno.com
To: Wa3ptg@aol.com
Cc: qrp-l@lehigh.edu
Subject: [74992] Re: Tentec 1380.... Great news!
Message-ID: <20000713.075354.-4071071.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

The noise was an oscillation created by a drip of solder on an inductor L4 and a diode D3. Before installing the transmit section of the board the oscillation wasn't there. What caught my eye was the odd shape of the solder. It wasn't a nice cone shape up on the lead.

Gary
n8gsj

On Thu, 13 Jul 2000 05:15:27 EDT Wa3ptg@aol.com writes:

> Hi Gary
>
> What unwanted sounds, and where was the solder drip?
>
> 72 DE WA3PTG
> Harry (Hap) Hurst NJQRP-EPAQRP
> Wilmington DE QRP-L #1464
>

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Jul 2000 07:40:39 -0500

From: "Dennis Payton" <dpayton@fwi.com>
To: <w5yr@att.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [74993] Re: Confession : I use acid flux
Message-ID: <00c001bfecc7\$8e2994c0\$d9a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Are we talking about acid flux or acid-core solder?

Acid flux. I think it's called soldering paste in the hardware stores.

Date: Thu, 13 Jul 2000 07:50:44 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: n2apb@erols.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74994] Re: SOP Receiver Kit Assembly Photo Tour
Message-ID: <3.0.2.32.20000713075044.0093ae60@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

George and all,

>We've just posted a comprehensive major work showing step-by-step photo
>illustration of the SOP Receiver Kit.

Comprehensive and major are key words here. Great job...

<http://www.njqrp.org/sop/assy.html>

Chuck Carpenter, Point, Rains County, Texas -- EM22cv, RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Thu, 13 Jul 2000 08:11:53 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <dpayton@fwi.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74995] Re: Confession : I use acid flux
Message-ID: <00e101bfeccc\$400339e0\$0200000a@mcg.net>

I too have used soldering paste from time to time. It really cleans older surfaces and allows the solder to flow. A little goes a long way, just a little bit on the tip of the solder. You have to take the extra step to clean the joint after and do a good job of it as well, but it's a lot easier then cleaning the surfaces before soldering.

Another thing I do once in a while if I see a stain or bit of corrosion on a circuit board is use a clean pencil eraser to quickly scrub it clean before soldering.

73 de Cla KA0GKC

Date: Thu, 13 Jul 2000 10:12:46 -0400
From: S LYON <sslyon@worldnet.att.net>
To: unlisted-recipients;; (no To-header on input)
Cc: antennas <antennas@qth.net>, chat qrp <qrp-1@Lehigh.EDU>
Subject: [74996] Roller Inductors - Silver Oxide
Message-ID: <396DCE5E.A6B509F@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of the reasons silver is used in roller inductors is that the oxide remains an excellent RF conductor far beyond levels completely intolerable with copper. Some WWII military VHF/UHF antennas were silver plated to reduce effects of hostile aerosols. Other forms of silver corrosion (sulfuric, nitric...) while being better conductors than the copper versions are rare, fortunately, and probably worth removing if possible. The black oxide on silver is the healthy version.

When roller inductors become intermittent/noisy they're usually suffering from an organic deposit rather than corrosion. (Note the gunk that builds up on blower/vent surfaces) Tuner cleaner is all that is needed to effect a cure. Using an oxide remover reduces the thickness of silver plating and will slowly but surely expose the copper to corrosion. It also is likely to leave conductive residue on insulators, etc. Don't lube it either as that will retain airborne contaminants.

Bottom line: unless the roller is actually noisy, leave the oxide alone.

73

-s-

=====

Jay Coote wrote:

>

> Might try a silverware cleaner on the tuner inductor, then clean it off
> completely. Be sure no silver oxides or cleaner residue are left on
> the core or the coil.
>

> -----
> > I am interested in building a tuner that I would probably use on 20 and
> > up to 6M. I picked up an old roller inductor at a local ham fest and a
> > variable cap.. the inductor has a little black corrosion on the coil
> > and roller, looks like silver oxide, do I have to clean this off and put
> > some sort of protecting grease on it????

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 13 Jul 2000 11:20:05 -0003
From: HAAG@if.ufrgs.br
To: list qrp <qrp-l@lehigh.edu>
Subject: [74997] 6m qrp schematic
Message-ID: <Pine.3.89.10007131104.A45650-01000000@if1.if.ufrgs.br>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hello Qrpers!
I looking for a schematic of a simple TX CW/DSB QRP for 50MHz.
Xtal control is good for me, I have a lot of xtal in my junkbox.

Any one can help me?
thanks in advance

73 es DXs

Rafael Haag PY3FF

Date: Thu, 13 Jul 2000 10:24:31 -0400
From: Jimbob <kw3u@warwick.net>
To: low pwr qrp <qrp-l@lehigh.edu>
Subject: [74998] 2 qrp rigs fs
Message-ID: <396DD11F.C71CFF47@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi all; time to part with extra rigs again so here goes.

OHR qrp spirit sp-1 20meter. 5 watts out....keyer..
tunes 14000 to 14100..works fine. worked a ux3 last nite
manual also. \$105 shipped.

OHR Classic dualband 20 & 40 meter keyer...variable output
rit, manual and all paperwork.

this rig does have a problem...a low audio high pitched whining
sound on either band otherwise works fine. I was going to dig into
it but lately lucky to have time to mow the grass, spare time spent
pounding my chinese PLA straight key (tnx Marshall). made the
nightly news with it on field day. sorry i'm rambling.
how about \$100 shipped also consider trades.

For those close to sussex county NJ, the hamfest is this sunday and
i'll be there with the EPA shirt . 72's Jim kw3u

Date: Thu, 13 Jul 2000 10:42:04 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ka0gkc@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74999] Re: Confession : I use acid flux
Message-ID: <00d901bfecd9\$64f68880\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Acid based products are not in themselves bad. The problem is
that if they are not cleaned properly, they can be destructive to
electronic components with exposure to residue over time.

I know, acid based flux does a wonderful job of 'biting in' to material
that may have a corrosion or other surface issue. But wouldn't it be
a LOT better to use the right stuff?

One thing you can do is by regular flux as a paint. I've picked some up
at electronic supply places in 2oz bottle like nail polish, with a
similar
'brush in the cap' kind of thing. Just brush it on to the PCB before
you
solder and you can't believe how well it will take. And no danger to
the parts.

Mike

----- Original Message -----

> I too have used soldering paste from time to time. It really cleans
older
> surfaces and allows the solder to flow. A little goes a long way,
just a
> little bit on the tip of the solder. You have to take the extra step
to clean
> the joint after and do a good job of it as well, but it's a lot easier
then
> cleaning the surfaces before soldering.
>
> Another thing I do once in a while if I see a stain or bit of
corrosion on a
> circuit board is use a clean pencil eraser to quickly scrub it clean
before
> soldering.
>
> 73 de Cla KA0GKC

Date: Thu, 13 Jul 2000 10:03:40 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [75000] Neat QSO
Message-ID: <200007131441.KAA03829@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

So, I'm sitting in the shack last night, reading a novel, about
midnight. The radideoo is tuned to 14.060, playing static noise.

Then I hear a station calling CQ. I pause in my reading to hear the
call sign---OK1JV wait a minute! Got to get this guy! OK1JV de KD1JV
Comes right back and we have a nice chat. Pretty neat, not too often
you get to work your radio call sign twin :-) Now, I wonder if
there's a DK1JV out there?...

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 13 Jul 2000 10:44:47 -0400
From: S LYON <sslyon@worldnet.att.net>
To: "chat, cara" <discussion@mx.twc-inc.com>, chat qrp <qrp-1@Lehigh.EDU>
Subject: [75001] TOPO MAPS ON LINE
Message-ID: <396DD5DF.BAA7B0D3@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Forwarding this from YCCC. The best site for topo maps I've seen so far.

72

-s-

.....
Anyone doing a terrain analysis can find topographic maps for the entire
U.S. at
www.topozone.com The 1:25000 even shows my humble abode on it.

Joe K1JN

.....-
'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Thu, 13 Jul 2000 10:47:22 EDT
From: NB6M@aol.com
To: qrp-1@lehigh.edu
Subject: [75002] Re: 6m qrp schematic
Message-ID: <fb.853c4eb.269f307a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Rafael,

There is a schematic for a DSB 6 Meter transmitter on page196 of "Solid State

Design for the Radio Amateur", and a 2 Meter CW/DSB transmitter article follows it. Do you have access to that book?

73

Wayne NB6M

Date: Thu, 13 Jul 2000 14:54:57 -0700
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: sslyon@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [75003] Re: TOPO MAPS ON LINE
Message-ID: <396E3AB1.63DB8609@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, but to bad they don't show Lat Long.

Art

S LYON wrote:

>
> Forwarding this from YCCC. The best site for topo maps I've seen so far.
> 72
> -s-
>
>
> Anyone doing a terrain analysis can find topographic maps for the entire
> U.S. at
> www.topozone.com The 1:25000 even shows my humble abode on it.
>
> Joe K1JN
>
>-
>
> 'Seab' Lyon - AA1MY
> Beacon NY USA FN-31
> QRP-L 574 ARCI 9253

Date: Thu, 13 Jul 2000 09:12:53 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [75004] MAJOR storm in progress

Message-ID: <Pine.SUN.4.10.10007130853160.15330-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

A fairly large shockwave hit the earth this morning at about 0900 UTC 13 JUL (5am EDT). Solar wind went from a fairly elevated value of 500 km/sec to about 730 km/sec (now at 680 km/s) and the density rose from about 5 protons/cm³ to about 30 p/cm³. That's a pretty good whallop of solar debris hitting us!

The K index for the past 3 hours was 6, or a MAJOR geomagnetic storm. Storm conditions should continue throughout the day, subsiding by this evening.

The shockwave hits the earth on the sun-facing side, so the main impact occurred out in the Atlantic Ocean at 0900 UTC. So the effects of this will be worse in Western Europe and Eastern North America than other areas. So your mileage may differ depending on what longitude you are from the mid-Atlantic. That's why the K and A indexes are called PLANETARY values (Kp and Ap) ... they are averaged over the planet. While in a major geomagnetic storm right now, there may be some areas only experiencing minor storm conditions, perhaps others experiencing severe conditions.

It is unknown what the expectations for the enhanced aurora might be. Depends on what K-index we peak out at. For a BALLPARK idea of your chances of seeing auroral, there is a nice map at:

www.sec.noaa.gov/Aurora/globeNW.html

It has contours on it that shows approximately where the aurora can be seen for different values of the K-index. Predicting auroral activity and where it can be seen is NOT an exact science.

This is all for information purposes only and to explain and demonstrate what a geomagnetic storm is all about for those of you who might have the opportunity to get on the air today. Obviously I am at work and have no idea what the bands sound like. The effects worsen as you go LOWER in frequency, so perhaps the upper bands are usable. This is NOT an HF blackout condition, just very noisy conditions on the lower frequencies due to the geomagnetic storm.

72, Paul NA5N

Date: Thu, 13 Jul 2000 11:05:31 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [75005] Toroidal core?
Message-ID: <000201bfecdb\$ca1db240\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Might there be someone in this collection of QRP souls that has some large toroid cores in their junkbox suitable for operation at 3.5 MHz?

I've built a small phase-shift network for my phased 80-M verticals, and am now in need of a much heftier core for the kW version (yes, I also operate QRO). I'm intending to wind a bifilar coil of about 2 uH on it, and am searching for a large toroid of about 2 in. to perhaps 4 in. in diameter.

BTW: the QRP version gives me a beautiful 90-degree phase shift on my dual-trace scope, and seems to work quite well on the actual antenna array too, although more observation is required over a longer period. However, this network--consisting of one bifilar core, two capacitors, and a non-inductive terminating resistor--seems to have improved my array's F/B ratio by about 6 dB. It was about 15 dB, and I'm seeing more than 20 dB now. Yippee! Can't wait fer winter (I know, I know....I love summer too).

Tks!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

Date: Thu, 13 Jul 2000 11:15:45 -0400
From: Michael Ostrowski <mostrowski@CreativeSolutions.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [75006] FW: Heath HW-9 FS (both built and kit)
Message-ID: <C17F1AF032ECD21180C100A024BB8E2E02773B24@bruiser.creativesol.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Dave posted this to the Heathkit reflector this morning and asked that I post it to QRP-L since he doesn't subscribe. Please contact him if you have any interest...

72,
Mike

Michael Ostrowski - KI8IK
Saline, MI

KI8IK@arrl.net

ARCI QRP #10255 MI QRP #1693
QRP-L #2170 NorCal
FISTS #3311

-----Original Message-----

From: Dave Kelley [mailto:ai7r@PRESENCEKNOWN.COM]
Sent: Thursday, July 13, 2000 9:47 AM
To: HEATH@LISTSERV.TEMPE.GOV
Subject: Heath HW-9 FS (both built and kit)

Greetings,

I have a couple of HW-9s that need a good home. For those of you who have never used an HW-9, it's a real nice radio. After Heath designed the HW-7 and HW-8 they had a pretty good following and reputation for their QRP rigs. The HW-9 is a far cry from its earlier cousins however with a lot of features the larger rigs had. The kit involves two full size boards and some of it is packed pretty tight.

One is fully assembled, works great, and has the power supply, SWR Bridge, and Antenna Tuner that go with it. This one was built by one of the better kit builders from the looks of it. There are pictures of the assembled one here: (Hi speed access? Go here <http://www.presenceknown.com/hw9>)

<http://www.presenceknown.com/hw9/built1.jpg>
<http://www.presenceknown.com/hw9/built2.jpg>
<http://www.presenceknown.com/hw9/built3.jpg>
<http://www.presenceknown.com/hw9/built4.jpg>
<http://www.presenceknown.com/hw9/built5.jpg>

The kit comes with everything in the box and also have the WARC band kit. The kit can either be a dream come true of being able to build a Heath, either again or for the first time. Or, if you're getting older like me, you can built it again for the first time. (grin) It's a pretty good investment if you can keep it in kit form, but it works better built of course. That challenge would be yours.

<http://www.presenceknown.com/hw9/kit1.jpg>
<http://www.presenceknown.com/hw9/kit2.jpg>
<http://www.presenceknown.com/hw9/kit3.jpg>
<http://www.presenceknown.com/hw9/kit4.jpg>

I'm accepting offers. I'm asking \$300 for assembled unit and \$450 for the kit. If there is another price that makes us both smile, I'm open to suggestions. As an example, \$20 would make one of us point and laugh...a little one sided. And the assembled one will sell as a complete bundle unless someone wants to buy only the HW-9.

And yes, it IS hard to own a Heath in kit form. (grin)

73

Dave
AI7R

Listserver Subscription: listserv@listserv.tempe.gov - "subscribe heath
'name' 'call'"

Listserver Submissions: heath@listserv.tempe.gov

Listserver Unsubscribe: listserv@listserv.tempe.gov - -"signoff heath"

Date: Thu, 13 Jul 2000 08:12:45 -0700

From: Mike Gipe <mgipe@reliablemeters.com>

To: "'Jerry Scherkenbach'" <jerrys@execpc.com>, Mike Gipe

<mgipe@reliablemeters.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [75007] RE: Final "Unofficial" Tally for Winter Hunt 1999-2000 40 meters

Message-ID: <F988E2FF74F4D111A61F00A0C949D7A94175F8@mission>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Sorry gang, I should clarify... Tom N1TP did all the work compiling the 1999-2000 winter fox hunt results. I just posted the info for him since my email software could handle the necessary file conversions better.

So please send your kudos to Tom, who did us a tremendous service by compiling this information. It took a lot of effort, I know; and he did a great job.

Thanks, Tom!

Mike K1MG

>
> Mike,
> Thank you, thank you, thank you for doing the analysis and
> publishing this.
>
> 72
> Jerry N9AW
>

Date: Thu, 13 Jul 2000 10:25:03 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-l@lehigh.edu>, <IaQRP-L@divis17.ped-gen.uiowa.edu>
Cc: <kj5tf@madisoncounty.net>, <ae4ic@nr.infi.net>, <w5jay@alltel.net>
Subject: [75008] Contest: Milliwatt Fun This Weekend!!!!
Message-ID: <005e01bfecde\$84a899c0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The final leg of the Milliwatt Triple Crown is being held this weekend! Turn the power down and discover how successful QRPp can be. Below is a copy of the announcement with dates and times (etc.). How many of the clubs will be active this weekend? Let us know!

72, John NU0V

Milliwatt Triple Crown Third Leg

DATES AND TIMES:

All dates and times are in UTC! Maximum operating time during each day is 4 hours.

1st Day Friday July 14th, 2000 23:00Z to Saturday July 15th, 2000 06:00Z.
2nd Day Saturday July 15th, 2000 23:00Z to Sunday July 16th, 2000 06:00Z.
3rd Day Sunday July 16th, 2000 23:00Z to Monday July 17th, 2000 06:00Z.

Participants may only operate 4 hours of the 7 hour window per day and may submit a log for only 2 days of the 3 day contest.

EXCHANGE: Exchange RST, SPC, First Name, PWR.
Suggest using W as decimal point when reporting power. I.e., 1W5 =

1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.

SCORING: QSO points are awarded to contestants according to their power output. Power may be changed from QSO to QSO and must be noted in the log.

1001mW and over	1	Point
501mW to 1000mW	2	Points
251mW to 500mW	4	Points
101mW to 250mW	8	Points
51mW to 100mW	16	Points
26mW to 50mW	32	Points
11mW to 25mW	64	Points
1mW to 10mW	128	Points
<1mW	500	Points

NOTE: No schedules or prearranged contacts between stations are permitted.

BONUS MULTIPLIER: Number of identical first letters of first names worked. I.e., worked Jim, John, Jennie, Joe, Jack, = 5 multiplier. Note: one name only counts once - if you work 10 Jacks, that's still just one multiplier.

CLUB BONUS: Anyone who works a club station which is running the specified power levels listed below collects bonus points as follows: (Clubs will not raise or lower power to accommodate a single QSO.)

900mW	1,000	points
500mW	2,000	points
250mW	3,000	points
100mW	4,000	points
50mW	5,000	points

Calculate score for each days activity:

$(\text{QSO Points}) \times (\text{Total SPC Multipliers all bands}) \times (\text{Bonus Multiplier}) + (\text{Club Bonus total}) = \text{Daily Score.}$

Add the two best daily scores to find Total Score.

PRIZES: TBA

LOGS: Submit logs before September 1st, 2000. Winners will be announced on QRP-L ,KLQRP, and IAQRP-L. Send logs to:

Mark Milburn
117 E. Phillip St
Des Moines, IA 50315-4114

or email logs to:

IowaQRPclub@juno.com

72, John NU0V

Date: Thu, 13 Jul 2000 10:57:20 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [75009] Re: Confession : I use acid flux
Message-ID: <012401bfece3\$584aed60\$0200000a@mcg.net>

Just to clarify. I'm not talking here about acid core solder. Always use rosin core solder. I'm referring to using a little bit of acid based soldering paste on the tip of the solder just before soldering a stubborn joint. I prefer the paste. Liquid or paste, it's the same thing and your choice of what works best for you.

73 de Cla KA0GKC

Date: Thu, 13 Jul 2000 11:33:15 -0500 (CDT)
From: ac5ez@webtv.net (K1zw)
To: qrp-l@lehigh.edu
Subject: [75010] propagation
Message-ID: <25202-396DEF4B-4181@storefull-111.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Tnx Paul for the propagation update, I knew there was a good reason for the poor dx results , ha. Been off the list for a while , had to come back to find out whats really going on.
k1zw

Date: Thu, 13 Jul 2000 09:46:57 -0700
From: "Arthur G. Silvers" <ags@ieee.org>
To: qrp-1@Lehigh.EDU
Subject: [75011] Re: 2N2/40 Lives!
Message-ID: <396DF281.AECE2003@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK! As there seems to be interest in how I fit a 40 mtr vertical dipole into the garage here goes.

One leg runs, down 3 ft from the bench top to the floor, along the floor, out the back door, and into flower bed in the yard. The other leg runs up the wall about 15 ft and then along a rafter for the rest of the length. Both legs connect directly to a ZM-2 which likes the balanced configuration better than the unbalanced. I guess it doesn't know that one leg is on the floor and the other in the rafters. Most of the radiating current is in the vertical 15 + 3 ft. Loads up and works fine but next to a dummy load is probably about as minimal as you can get in performance. I could get additional height and effective radiating length if I were to move the dipole into the attic and use some low loss transmission line.

Now where is that flashlight?

72/73
Arth W6AGS

Date: Thu, 13 Jul 2000 13:04:09 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <qrp-1@Lehigh.EDU>
Subject: [75012] Coaxial cable (thick net) info.
Message-ID: <s96dbe6b.006@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Hello. I have just acquired two large rolls of new thicknet cable. It is = double shielded, approx. the same dia. as RG-8, 50 ohm, solid center = conductor, and looks as if it would take up to 500-750 W with no problem. = Has anyone used this in their setup? Since old thick ethernet runs @ 10 = meg. I am assuming the losses at least to 14 MHz. to be tolerable. Will =

it be useable in the long run?

Thanks,
Randy. KB8ASO =20

Date: Thu, 13 Jul 2000 13:08:45 EDT
From: MikeHeit@aol.com
To: qrp-1@lehigh.edu
Subject: [75013] QRP Portable Philmont Backpacking Trip
Message-ID: <72.11793c1.269f519d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I leave tomorrow for a two week long backpacking trip at the Philmont Scout Ranch near Cimarron, NM. I'm taking my SST-30 rig and inverted Y vertical antenna along and plan to be operating on 30M. Please listen for us in the late afternoon/evenings from July 17-27. And be gentle, please, my CW skills are very rusty!

72/73 de Mike,
N0SO

Date: Thu, 13 Jul 2000 11:12:41 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>, "ncarc reflector" <ncarc@qth.net>
Subject: [75014] SEC paydirt!
Message-ID: <01ff01bfecef\$2d12aa00\$448511d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

Check out this link on the newly organized SEC webpages.

<http://www.sec.noaa.gov/ListServer.html>

There you will find instructions on how to subscribe to various email

reflectors to receive a variety of space weather data/propagation data: RSGA, WWV...and many more.

BTW: I spoke with an individual at SEC today. He told me that funding for SEC is flat. If you find their data useful click the webmaster feedback links and offer positive comments. The data will work its way to their PR staff and used to help bolster funding requests.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Thu, 13 Jul 2000 12:33:48 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: qrp-1@Lehigh.EDU
Subject: [75015] BLT Pix and BLT Question
Message-ID: <3.0.6.32.20000713123348.0099e6e0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just posted some pix of my version of the NorCal BLT tuner. Might serve as a visual aid to those building one...

<http://www.io.com/~maddog/hamradio/blt.htm>

Also, a question which applies to this tuner and the Emtech ZM-2, both of which use the N7VE SWR Detector Circuit.

When comparing my matches on a 40 meter doublet with my Radio Shack SWR meter and my MFJ Antenna Analyzer, I found that the Rad Shack and MFJ agreed, but the BLT Tuner's null was a little off. Typically, when the BLT's LED nulled, the actual SWR was 1.3 or 1.5-to-1 (+/-). I could, however, with the BLT in "operate", adjust the BLT tuning controls to obtain 1-to-1 SWR (as indicated by the Radio Shack SWR meter and Antenna Anayzer), but then the BLT's LED indicator was off-null. Wondering if this was asystemic problem with theis type SWR bridge, I attempted the same test with the Emtech ZM-2, and got similiar disparaging results.

Any ideas what's going on?

72,
monty N5FC

Monty Northrup * "There is no way to peace; peace IS the way"

N5FC * e-mail: maddog@io.com * web: <http://www.io.com/~maddog/>

Date: Thu, 13 Jul 2000 14:05:10 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <RANDALLR@Healthall.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [75016] Re: Coaxial cable (thick net) info.
Message-ID: <007d01bfecf4\$ea56ddc0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually I have. I've used it for 2M feeds to a ground plane antenna.

Not bad, but a royal pain to get the shell on right. I ended up just using 'compression' on the double shield and soldering the center conductor.

Pete Simpson (I think) gave a blurb on that stuff about 2 years ago. It's not bad, at least at HF. If I recall it was ok for losses but it's big forte was in shielding. You CAN get specs for the stuff on some web sites that do show it's performance up through UHF.

Bottom line? For HF work it's fine. Just a pain to work with. But also remember it wasn't designed to be exposed to the UV in sunlight. I wouldn't go out and BUY the stuff, but since it's showing up all over the place relatively cheap (ie free) go right ahead...

Mike

> Hello. I have just acquired two large rolls of new thicknet cable. It is double shielded, approx. the same dia. as RG-8, 50 ohm, solid center conductor, and looks as if it would take up to 500-750 W with no problem. Has anyone used this in their setup? Since old thick ethernet runs @ 10 meg. I am assuming the losses at least to 14 MHz. to be tolerable. Will it be useable in the long run?

>
> Thanks,
> Randy. KB8ASO
>

>
>
>
>

Date: Thu, 13 Jul 2000 11:13:30 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [75017] Re: BLT Pix and BLT Question
Message-ID: <20000713111330.A13964@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have noticed the same thing using the null indicator on my ZM-2, as compared to my WM-2 meter. It is probably close enough that you won't notice any difference in performance, however.

72,

Bob, N7XY

On Thu, Jul 13, 2000 at 12:33:48PM -0500, Maddog 'n' Miracles wrote:
> I just posted some pix of my version of the NorCal BLT tuner. Might serve
> as a visual aid to those building one...
>
> <http://www.io.com/~maddog/hamradio/blt.htm>
>
> Also, a question which applies to this tuner and the Emtech ZM-2, both of
> which use the N7VE SWR Detector Circuit.
>
> When comparing my matches on a 40 meter doublet with my Radio Shack SWR
> meter and my MFJ Antenna Analyzer, I found that the Rad Shack and MFJ
> agreed, but the BLT Tuner's null was a little off. Typically, when the
> BLT's LED nulled, the actual SWR was 1.3 or 1.5-to-1 (+/-). I could,
> however, with the BLT in "operate", adjust the BLT tuning controls to
> obtain 1-to-1 SWR (as indicated by the Radio Shack SWR meter and Antenna
> Analyzer), but then the BLT's LED indicator was off-null. Wondering if this
> was asystemic problem with theis type SWR bridge, I attempted the same test
> with the Emtech ZM-2, and got similiar disparaging results.
>
> Any ideas what's going on?
>
> 72,
> monty N5FC
>

> *****
> Monty Northrup * "There is no way to peace; peace IS the way"
> N5FC * e-mail: maddog@io.com * web: http://www.io.com/~maddog/
> *****

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Thu, 13 Jul 2000 13:23:17 -0500
From: Charles K Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [75018] 6 Meters qrp
Message-ID: <20000713.132317.11814.7.n4so@juno.com>

Kanga US catalog shows the following:
Six Meter Converter-outputs to 10 meters.
Six Meter Transmitter-simple xtal controlled, 200 mW output.
KK7B Kits- useful at 6 meters with the appropriate modules.
The catalog lists various qrp kits and accessories
such as the Super Tee Antenna Tuner by W3TS.

Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Jul 2000 14:59:16 -0400
From: John AE5X <ae5x@juno.com>

To: MikeHeit@aol.com
Cc: qrp-l@Lehigh.EDU
Subject: [75019] Re: QRP Portable Philmont Backpacking Trip
Message-ID: <20000713.145931.6502.0.ae5x@juno.com>

Mike,

What is the tuning range of your SST? I'll keep an ear out for you...
72,

John Harper, AE5X
HW-9, OHR-100A/20, NC40A, SST/30, SST/40, DSW/20
Outdoor QRP <http://www.qsl.net/ae5x>

On Thu, 13 Jul 2000 13:08:45 EDT MikeHeit@aol.com writes:
>I leave tomorrow for a two week long backpacking trip at the Philmont
>Scout
>Ranch near Cimarron, NM. I'm taking my SST-30 rig and inverted Y
>vertical
>antenna along and plan to be operating on 30M.
>72/73 de Mike,
>N0SO

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Thu, 13 Jul 2000 15:10:53 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [75020] CONTEST: QRP Contesting - This Weekend
Message-ID: <3.0.6.32.20000713151053.007cde60@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

July 15/16, 2000

~~~~~  
Milliwatt Triple Crown - Final leg (CW) QRP Contest!

Jul 14 - 2300z to Jul 15 - 0600z
Jul 15 - 2300z to Jul 16 - 0600z
Jul 16 - 2300z to Jul 17 - 0600z

Rules: <http://www.madisoncounty.net/~kj5tf/mwtest.html>

~~~~~  
SEANET Contest (CW)

Jul 15 - 0000z to 16 - 2400z

Rules: <http://home.sol.no/~jana1me/rules/seanet.txt>

~~~~~  
Pacific 160m Contest (CW/SSB)

Jul 15 - 0700Z to 2300Z

Rules: <http://www.sk3bg.se/contest/pac160mc.htm>

~~~~~  
AGCW-DL QRP Summer Contest (CW) ... QRP Contest!

Jul 15 - 1500z to Jul 16 - 1500z

Rules: <http://home.sol.no/~jana1me/rules/agcwdl.txt>

~~~~~  
North American QSO Party (RTTY)

Jul 15 - 1800Z to Jul 16 - 0600Z

Rules: <http://home.sol.no/~jana1me/htmlrules/naqprtty.html>

~~~~~  
Colombian Independence Day Contest (CW/SSB/RTTY)

Jul 16 - 0000Z to 2400Z

Rules: <http://www.sk3bg.se/contest/colindc.htm>  
~~~~~

RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 16 - 0900z to 1200z

Jul 16 - 1300z to 1600z

Rules: <http://home.sol.no/~janaalme/rules/rsgblpfd.txt>

~~~~~

Great Colorado Gold Rush (CW) ... QRP Contest!

Jul 16 - 2000z to 2200z

Rules: <http://home.sol.no/~janaalme/htmlrules/co-gold.html>

~~~~~

AND LATER.....

~~~~~

Georgia QSO Party (CW/SSB) ... QRP Category

Jul 22 - 1800z to Jul 23 - 0359z

Jul 23 - 1400z to Jul 23 - 2359z

Rules: <http://secc.contesting.com/GaQsoParty.htm>

~~~~~

Flight of the Bumblebees (CW) ... QRP Contest!

Jul 30 - 1700z to 2100z

Rules: http://www.natworld.com/ars/pages/bumblebees/bb_rules.html

~~~~~

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==  
<http://www.njqrp.org/data/contesting.html>

-----  
Date: Thu, 13 Jul 2000 16:17:07 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [75021] #3 Summer FOX tonight--N5TW  
Message-ID: <200007131617\_MC2-AC2E-787E@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
          charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Hope to hear everyone in the Summer FOX hunt this evening at 0100 Zulu time. Details may be found on the web page at <http://www.cqc.org/sfox>. =  
We  
have some fabulous prizes for the top hunters and FOXes during the 2000 summer season. Check it out, and get into the hunt.

BTW, even if you could not participate in the first two hunts, it is not too late. Why not give it a try tonight, and tell your club and fellow QRPers about it.

72/73,  
--W.D. (Doc) Lindsey  
DSBF  
PO Box 6028  
Bismarck, ND 58506  
(Shipping =3D DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
E-Mail =3D K0EVZ@arrl.net

-----  
Date: Thu, 13 Jul 2000 16:30:29 -0400  
From: John Wagner <john@neknetwork.com>  
To: 70511.3041@compuserve.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [75022] Re: #3 Summer FOX tonight--N5TW  
Message-ID: <396E26E5.DE5A8B76@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I understand tonights fox will be an Xtra-Large Texas size fox! I've got BIG plans for that pelt.

C y'all on the air tonight!

73,

John, KB1ENS

"Wilford D. Lindsey" wrote:

>  
> Gang:  
>  
> Hope to hear everyone in the Summer FOX hunt this evening at 0100 Zulu  
> time. Details may be found on the web page at <http://www.cqc.org/sfox>. We  
> have some fabulous prizes for the top hunters and FOXes during the 2000  
> summer season. Check it out, and get into the hunt.  
>  
> BTW, even if you could not participate in the first two hunts, it is not  
> too late. Why not give it a try tonight, and tell your club and fellow  
> QRPers about it.  
>  
> 72/73,  
> --W.D. (Doc) Lindsey  
> DSBF  
> PO Box 6028  
> Bismarck, ND 58506  
> (Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
> E-Mail = K0EVZ@arrl.net

--

John Wagner - [john@neknetwork.com](mailto:john@neknetwork.com)

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

-----  
Date: Thu, 13 Jul 2000 15:25:01 -0600

From: [zmola@campbellsci.com](mailto:zmola@campbellsci.com)

To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Subject: [75023] Re: Confession : I use acid flux

Message-ID: <200007131539.PAA07057@demeter.campbellsci.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

"Cla KA0GKC" <[ka0gkc@arrl.net](mailto:ka0gkc@arrl.net)> wrote:

> I too have used soldering paste from time to time. It really cleans older  
> surfaces and allows the solder to flow. A little goes a long way, just a  
> little bit on the tip of the solder. You have to take the extra step to clean  
> the joint after and do a good job of it as well, but it's a lot easier then  
> cleaning the surfaces before soldering.

Talking about cleaning up, has anyone used the organic core solder on  
kits. We have an infinite supply here at work, but it requires washing with  
water since the residue conducts after it dries. I'm just wondering what the  
effect of washing the board will have with the parts on most kits, especially  
the inductors.

Carl  
AC7BB

Carl  
zmola@campbellsci.com

-----  
Date: Thu, 13 Jul 2000 17:46:12 -0400  
From: tom palmer <n1tp@worldnet.att.net>  
To: 70511.3041@compuserve.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [75024] Re: #3 Summer FOX tonight--N5TW  
Message-ID: <396E38A3.14B60DCF@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Wilford D. Lindsey" wrote:

> Gang:  
>  
> Hope to hear everyone in the Summer FOX hunt this evening at 0100 Zulu  
> time. \*\*\* Why not give it a try tonight, and tell your club and fellow  
> QRPers about it.  
>

Hi, Doc ang Gang:

Solar Flare or no Solar Flare, 20 meters sounds pretty darn good here in  
S.W. Florida.

I plan to bag me a pelt from Texas tonight.

Tom, N1TP

>  
> 72/73,  
> --W.D. (Doc) Lindsey  
> DSBF  
> PO Box 6028  
> Bismarck, ND 58506  
> (Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)  
> E-Mail = K0EVZ@arrl.net

-----  
Date: Thu, 13 Jul 2000 17:23:33 -0500  
From: "Mike Branca" <w3irz@att.net>  
To: <dpayton@fwi.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [75025] Re: Confession : I use acid flux  
Message-ID: <008a01bfed19\$1602a2a0\$de044d0c@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I think what you guys are talking about is the plumbers paste sold in hardware stores to solder copper pipes. This stuff is primarily zinc chloride not acid. Zinc chloride is the recommended flux to solder to steel and to zinc plated chassis and it works well there. BUT it is corrosive. If you solder coax and stranded wire the flux wicks up under the insulation and later, in the presence of any moisture, green corrosion will appear. When I was a kid I used this stuff quite a bit to fix my old tube radios and later had to get rid of them due to the mess. However it is great to dip the soldering iron tip into this paste for a quick cleaning and it is in this fashion that I teach middle school kids how to solder. They are also cautioned not to use the paste on the work.

Mike, W3IRZ, in Conyers, Georgia

----- Original Message -----  
From: Dennis Payton <dpayton@fwi.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Wednesday, July 12, 2000 11:33 PM  
Subject: Confession : I use acid flux

>

> When I first got interested in building about 8-10 years ago I learned that  
> it was wrong to use acid flux when soldering electronic circuits. That made  
> sense to me. I etched a few boards and built a few things and got along  
> pretty good, but did have a few problems with some of the old surplus  
> components I was using.  
>  
> Then I met a fellow who became and still is my elmer. I'd just built Roy  
> Lewallen's Optimized QRP Transceiver and was having problems. He spent  
some  
> time going over it and found two bad solder joints. He dipped his solder  
> into a small can of "something" and soldered the joints again. I heard a  
> sizzling noise and observed good shiny joints. He rinsed off the joints  
with  
> mineral spirits and blew the board dry with compressed air, then said,  
"Get  
> yourself a small can of plumber's flux and dip the end of your solder in  
it  
> any time you think you might have a problem getting something to take". I  
> acknowledged what he said but thought to myself, "Huh?".  
>  
> Some time later I was having more problems and found myself knocking on  
his  
> door again. I don't remember the project but I remember the problem was  
> another bad joint. His first question was, "Did you use acid flux?"  
"No."  
> "Why not?" "Everybody says it's wrong." "Then don't let 'em know  
you're  
> using it!" "Well.....okay." "Just clean it off good with denatured  
> alcohol or mineral spirits."  
>  
> I was apprehensive, but from then on, I began sparingly using acid flux.  
Not  
> usually on kits or new components, but for most of my homebrewing using  
> surplus stuff. I wondered if, over time, the leads would fall off of my  
> transistors or something, but now after 8-10 years and building many  
> circuits of all kinds, I've not seen a shred of evidence of any problems  
> from my using acid flux. I've built a lot of things with CMOS and had no  
> problems with conductivity, everything that I've built (that worked!)  
still  
> works, and there's no sign of unusual corrosion on anything. And I have  
good  
> solder joints! I've heard the stories that acid will climb up leads and  
get  
> inside of components, but I've yet to observe it.  
>  
> I've never gotten a serious flame on this list but maybe this post will do





33 of 40: N0AR-(F), K8CV-(F), WD8KQY, N5UW, NV4V.

32 of 40: N0EHW, NK7M, WE6W, KK5LD, N5TW-(F), VE5RC, K1MG-(F).

31 of 40: KB9IUA, AB7CE-(F), KU7Y-(F), AE2T-(F), K1JD-(F).

30 of 40: None.

29 of 40: N5LU, AF5Z-(F).

28 of 40: VE6EWM.

27 of 40: N6WG, K5JHP, KQ5U-(F).

26 of 40: N9AW-(F), AJ4Y.

25 of 40: None.

24 of 40: K0PC, N8IE, W5SB, AE4Y.

23 of 40: W2XN.

22 of 40: N7RR-(F), N5EN, KC1FB.

21 of 40: W0RSP, W0RW, AB8DF, N5IW, K5VUU-(F), KU4AF.

20 of 40: K5OI, K1VP.

19 of 40: N0TU-(F), VE7NT, K5LN-(F).

18 of 40: N0RC, N8VAR, K10J-(F).

17 of 40: W8SFF, NK6A, W5HNS, W5YR.

16 of 40: N0UR, AA0ZZ, W7ILW, KF2PH.

15 of 40: AB0GO, K7RE, N6XU, N5QW, W5TFB, K5UP, VE3JC, N3YSI, K10G.

14 of 40: NW7DX-(F), KA5T, W5TB, K4LL, AF4PP.

13 of 40: N0RN, K0YWD, K5DW, AA5TA, W4UTI, K1QM.

12 of 40: None.

11 of 40: KB9BVN, N7GS, K7TQ, KB7WW.

10 of 40: NK9G, AB7MY, KD5CMN, WD4MSM, N4XDW.

9 of 40: N9KW, W8RU-(F), N7CQR-(F), AK7Y, WW7Y, N5GQJ, N5NZ,  
KS4L, VA1MT, NT1R.

8 of 40: N8XI, K6TM, N5JI, K5RV, N2ZHY, AI4CW.

7 of 40: K0C0, W9UQB, AC6UV, K50T, AK1P.

6 of 40: KE5TC, N5IB-(F), A2PF, N2SMH, K2JQ.

5 of 40: W0AV, KR0I, AE9K, WB8RCR, WB8YYY, WE7G, NA6E-(F), NM5M.

4 of 40: W0DC, N9MZP, WA9PWP, N9SSA, N7MFB, K5LN, KF4AR-(F),  
N4S0, K2UD, WZ2T.

3 of 40: AB0CD, KI0G, KKG9H, N9KW, K8DD-(F), W8KC, K7GT-(F),  
WB6MFS, W5FN, K5JAY, KK5NA, AB5XQ, KG4BIG, W4NJK, N4NK,  
KQ4Q0, W4WLG, N3BJ, KA3WMJ, N3XRV, KJ2LO, W2PSF, W2UX,  
K1CL, N1FN-(F), W1HUE, A1DDB, W1XT.

FOX: K10J, KU7Y, AB5UA, W0MC, K1JD, NF9K, W8RU, N5TW,  
K5LN, K0EVZ, N7RR, K1MG, KV2X, KF4AR, N5IW, N4DD,  
N0TU, K7GT, N0AR, WT9S, N7MFB, AF5Z, N7CQR, K8CV,  
KF2PH, WV3J, WS8D, AE2T, N1FN, NW7DX, N0IT, N1TP,  
K8DD/C6A, NQ9RP/N9AW, N0UR, N5IB, KQ5U, W1FB(W1RFI),  
NA6E, AB7CE.

-----

Date: Thu, 13 Jul 2000 17:50:42 -0500  
From: "George , W5YR" <w5yr@att.net>  
To: w3irz@att.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [75027] Re: Confession : I use acid flux  
Message-ID: <396E47C2.930D819C@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have used Kester's Soldering Paste (in the little blue box/can) since 1945 and can't recall ever seeing it cause it corrosion or problems with a joint or PCB.

The little metal box says that it contains Zinc Chloride and apart from cautions about keeping it off and out of your body, it does not call for any special care in removing the soldering residue, other than just wiping off the joint when it is cool.

It specifically does NOT say that it is acidic or corrosive. I guess I have just been lucky . . . ;^)

72/73, George W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373  
Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556  
(12/99)

Mike Branca wrote:

>  
> I think what you guys are talking about is the plumbers paste sold in  
> hardware stores to solder copper pipes. This stuff is primarily zinc  
> chloride not acid. Zinc chloride is the recommended flux to solder to steel  
> and to zinc plated chassis and it works well there. BUT it is corrosive.  
> If you solder coax and stranded wire the flux wicks up under the insulation  
> and later, in the presence of any moisture, green corrosion will appear.  
> When I was a kid I used this stuff quite a bit to fix my old tube radios and  
> later had to get rid of them due to the mess. However it is great to dip  
> the soldering iron tip into this paste for a quick cleaning and it is in  
> this fashion that I teach middle school kids how to solder. They are also  
> cautioned not to use the paste on the work.  
>  
> Mike, W3IRZ, in Conyers, Georgia

-----  
Date: Thu, 13 Jul 2000 18:55:53 -0400  
From: "w8diz" <w8diz@cinci.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [75028] Re: Contest: Milliwatt Fun This Weekend!!!!  
Message-ID: <009d01bfed1d\$7f662ba0\$1461a518@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi gang,

The "Flying Pigs QRP Club" will participate in the MilliWatt contest the first 4 hours on Friday and Sunday. We'll be running 50 milliwatts from SW Ohio. Hope to pass along some 5000 points. Club call is KC80C0!

ditdit

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W

FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493  
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----

From: "John Burnley" <burnleyia@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, July 13, 2000 11:25 AM  
Subject: Contest: Milliwatt Fun This Weekend!!!!

> The final leg of the Milliwatt Triple Crown is being  
> held this weekend! Turn the power down and discover  
> how successful QRPp can be. Below is a copy of the  
> announcement with dates and times (etc.). How many  
> of the clubs will be active this weekend? Let us know!  
>  
> 72, John NU0V  
>  
> Milliwatt Triple Crown Third Leg  
>  
> DATES AND TIMES:  
>  
> All dates and times are in UTC! Maximum operating time during each  
> day is 4 hours.  
>  
> 1st Day Friday July 14th, 2000 23:00Z to Saturday July 15th, 2000 06:00Z.  
> 2nd Day Saturday July 15th, 2000 23:00Z to Sunday July 16th, 2000  
06:00Z.  
> 3rd Day Sunday July 16th, 2000 23:00Z to Monday July 17th, 2000 06:00Z.  
>  
>  
> Participants may only operate 4 hours of the 7 hour window per day  
> and may submit a log for only 2 days of the 3 day contest.  
>  
> EXCHANGE: Exchange RST, SPC, First Name, PWR.  
> Suggest using W as decimal point when reporting power. I.e., 1W5 =  
> 1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.  
>  
> SCORING: QSO points are awarded to contestants according to their power  
> output. Power may be changed from QSO to QSO and must be noted in the  
> log.  
>  
> 1001mW and over 1 Point  
> 501mW to 1000mW 2 Points  
> 251mW to 500mW 4 Points  
> 101mW to 250mW 8 Points  
> 51mW to 100mW 16 Points  
> 26mW to 50mW 32 Points

> 11mW to 25mW 64 Points  
> 1mW to 10mW 128 Points  
> <1mW 500 Points  
>  
> NOTE: No schedules or prearranged contacts between stations are  
> permitted.  
>  
> BONUS MULTIPLIER: Number of identical first letters of first names  
> worked. I.e., worked Jim, John, Jennie, Joe, Jack, = 5 multiplier.  
> Note: one name only counts once - if you work 10 Jacks, that's still  
> just one multiplier.  
>  
> CLUB BONUS: Anyone who works a club station which is running the  
> specified power levels listed below collects bonus points as follows:  
> (Clubs will not raise or lower power to accommodate a single QSO.)  
>  
> 900mW 1,000 points  
> 500mW 2,000 points  
> 250mW 3,000 points  
> 100mW 4,000 points  
> 50mW 5,000 points  
>  
> Calculate score for each days activity:  
>  
> (QSO Points) X (Total SPC Multipliers all bands) X (Bonus Multiplier) +  
> (Club Bonus total) = Daily Score.  
> Add the two best daily scores to find Total Score.  
>  
> PRIZES: TBA  
>  
> LOGS: Submit logs before September 1st, 2000. Winners will be announced  
on  
> QRP-L ,KLQRP, and IAQRP-L. Send logs to:  
>  
> Mark Milburn  
> 117 E. Phillip St  
> Des Moines, IA 50315-4114  
>  
> or email logs to:  
>  
> IowaQRPClub@juno.com  
>  
> 72, John NU0V  
>  
>

-----

End of QRP-L Digest 1881

\*\*\*\*\*

-----